



VASUNDHARA BOOMINATHAN

B.Tech. - Information Technology

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BRIEF SUMMARY

A competent and diligent undergraduate with a tendency to be proactive and a proclivity towards finding the solution for a problem rather than hanging on to the problem. I am keen to obtain new skills and training and have a flexible approach to all work situations, and find it easy to adapt. I have good interpersonal skills and am an excellent team worker.

KEY EXPERTISE

PYTHON JAVA SQL OOPs DATA STRUCTURES HTML CSS Javascript IOT TCP/IP LEADERSHIP Teamwork
Communication Critical Thinking

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering

2021 - 2025

B.Tech. - Information Technology | CGPA: 8.63 / 10.00

GTA VIDHYA MANDIR, Kanchipuram

2021

12th | CBSE | Percentage: 96.80 / 100.00

GTA VIDHYA MANDIR, Kanchipuram

2019

10th | CBSE | Percentage: 94.60 / 100.00

AWARDS AND SCHOLARSHIPS

- Scholarship of 20K - Got it for coming as the topper in 10th grade at school.

PROJECTS

Smart Waste management system

15 Jun, 2022 - 17 Aug, 2023

Team Size: 2

Project Link: <https://github.com/Vasundhara-Boomi/Smart-Bin.git>

An IOT based Application is developed to collect garbage productively.

An Internally Funded Project, where the funds are provided by the college.

Using GSM module, Ultrasonic sensor, API key, cloud storage the project was developed.

It aims to save fuel and time by providing an efficient path to collect garbage by analyzing the level of garbage filled.

Water distribution system

01 Mar, 2023 - 08 Jul, 2023

Project Link: <https://github.com/Vasundhara-Boomi/Water-Distribution-System.git>

A Web Application was developed to create an efficient pipeline system for a specific location by getting water from the nearest water body.

Use of HTML/CSS/Javascript for web application development and Advanced Data Structures for finding the efficient pipeline.

A database was created to store data.

Vegetable Vendor Management System

01 Apr, 2022 - 09 Sep, 2022

Project Link: <https://github.com/Vasundhara-Boomi/Water-Distribution-System.git>

An application that helps the vendor keep a track of stock of vegetables, information about the customers and helps vendor edit the data of customers and stocks.

A separate login for customer and vendor was created.

Use of tkinter and figma for frontend development and data structures for storing all the data.

ACHIEVEMENTS

- An OC member at Lakshya(Entrepreneurship Club)
- A key member at NSS (Completed 85+ hours)
- A member of the Coding club
- President of the SOCIAL and FRENCH club at school
- Secured the 9th position in the department for scoring 8.7 CGPA
- Certificate of appreciation - Bharatanatyam (Learning dance for 11+ years)

ASSESSMENTS / CERTIFICATIONS

Programming in Java

Aggregate: 67.0 / 100.0
Subjects: Java (67.0 / 100.0)
Completed an Nptel course on Java consisting of OOPs and data structures concepts

DELF A1

Aggregate: 92.0 / 100.0
A diploma granted by the French Ministry of Education. It certifies skills in French at the A1 level.

SQL (Intermediate)

A HackerRank skill Assessment

Problem Solving (Intermediate)

A HackerRank skill Assessment

Maths Symposium at inter-college level

Secured Runner-up position

Organizer certificate

Part of organizing committee for an event conducted by IT dept for a duration of 2 weeks.

SEMINARS / TRAININGS / WORKSHOPS

One day workshop on Cyber Security Institute Name: SSN College Of Engineering & Technology, Prakasam 17 Aug, 2023 - 17 Aug, 2023
Insights on different types of attacks and softwares used in preventing it.

EXTRA CURRICULAR ACTIVITIES

- Have participated in various Table Tennis tournaments at School level

PERSONAL INTERESTS / HOBBIES

- Painting
- Mandala Art
- Cycling
- Reading books

PERSONAL DETAILS

Gender: Female
Marital Status: Single
Current Address: Ramaniyam Gallery, No.63 ECR, Thiruvanmiyur,
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Date of Birth: 06 Jun, 2003
Known Languages: Tamil, English, Hindi, French
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